

Noah Fang

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noahfang.me

Cell: (626) 318-2632

Work Experience

- **Head Teaching Assistant** April 2018 - December 2018
Undergraduate Teaching Assistant (UTA) August 2017 - December 2017
Brown University - Providence, RI
Leading a group of 9 Undergraduate Teaching Assistants (UTA) for CS0190, a placement-only computer science class. In addition to holding office hours, grading homework, and proctoring lab hours, my Head TA responsibilities include conducting UTA training, managing UTA duties and student issues, and working with the professor to improve the course. I am currently advertising, organizing, and running the summer placement process for hundreds of incoming students. Helped over 400 students in 2 years.
- **Software Engineering Intern**
Rally Health - Washington D.C. May 2017 - August 2017 & May 2018 - August 2018
Tech lead on the intern project to create a framework to track and display the dependencies within the company's codebase; developed and organized sprints, assigned intern tasks, and wrote the skeleton for the backend service (Scala) as well as the frontend interface (Angular, HTML, CSS, Javascript); constructed endpoints and tests for a project that established an A/B testing microservice for the company's webpages and products; enhanced the health tracking ability for millions of users by making UI additions and modifications. Successfully created, modified, and published microservices that improved the users' experience.

Hackathon Projects

- **PortalAR** January 2018
Hack@Brown - Brown University
Lead for a project that leveraged the three.js Augmented Reality library by Google to create an augmented reality website that inserted portals to three-dimensional panoramas of various places at Brown University. Developed to help enhance in situ visualization.
- **InstaNote** January 2017
Rally Health - Washington D.C.
Lead for a project that used the Microsoft Azure API library to instantly scan handwritten notes and turn them into .txt documents. Created for students who needed a fast way to convert handwritten notes into an easily searchable equivalent.

Skills

- Fluent in Java, Python, Scala, and Unix Shell. Experience with OCaml, Racket, SQL, and C
- Proficient with both MongoDB and SQL databases
- Familiar with writing microservices, CRUDs, and DAOs as well as creating RESTful services
- Extensive work in Machine Learning. Experience with the Caffe deep learning framework and the Tensorflow library
- Coursework includes: Deep Learning, Computational Linguistics, Introduction to Cryptography and Computer Security, Logic for Systems, and Theory of Computation

Education

- **Brown University** Class of 2020
GPA: 4.0
- **Montgomery Blair High School Magnet** Class of 2016
GPA: 3.93, Weighted GPA: 4.75

Awards

- **Intel Science Talent Search** January 2016
Semifinalist
- **United States of America Computing Olympiad** 2015
Silver Division